



IFW16

## RAW SEQUENCE LISTING

DATE: 07/21/2006

PATENT APPLICATION: US/10/665,671A

TIME: 13:04:58

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw

```

3 <110> APPLICANT: ANDERSEN, Mark R.
4     HUNKAPILLER, Michael W.
5     LIVAK, Kenneth J.
6     SPIER, Eugene G.
7     WENZ, Michael H.
9 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING TARGETS
11 <130> FILE REFERENCE: 4987 US
13 <140> CURRENT APPLICATION NUMBER: US 10/665,671A
14 <141> CURRENT FILING DATE: 2003-09-19
16 <150> PRIOR APPLICATION NUMBER: US 60/412,225
17 <151> PRIOR FILING DATE: 2002-09-19
19 <160> NUMBER OF SEQ ID NOS: 25
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 49
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
29 ttgcctgctc gacttagatc aaaggagacg cggctgcttt cagcctcat
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 49
34 <212> TYPE: DNA
35 <213> ORGANISM: Homo sapiens
37 <400> SEQUENCE: 2
38 ttgcctgctc gacttagagg gtcacagtag gtggcgcttt cagcctcac
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 33
43 <212> TYPE: DNA
44 <213> ORGANISM: Homo sapiens
46 <400> SEQUENCE: 3
47 ggggatagtg gctgcatcac tggatagcga cgt
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 49
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 4
56 ttgcctgctc gacttagatc aaaggagacg cggcagtggt tttccaacg
59 <210> SEQ ID NO: 5
60 <211> LENGTH: 51
61 <212> TYPE: DNA
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 5
65 ttgcctgctc gacttagagg gtcacagtag gtggacagtg gttttccaac a

```

49

49

33

49

51

## RAW SEQUENCE LISTING

DATE: 07/21/2006

PATENT APPLICATION: US/10/665,671A

TIME: 13:04:58

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw

```

68 <210> SEQ ID NO: 6
69 <211> LENGTH: 32
70 <212> TYPE: DNA
71 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 6
74 tgaacacacc gggatcact ggatagcgac gt
77 <210> SEQ ID NO: 7
78 <211> LENGTH: 18
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 7
83 ttgcctgctc gacttaga
86 <210> SEQ ID NO: 8
87 <211> LENGTH: 18
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 8
92 acgtcgctat ccagtgat
95 <210> SEQ ID NO: 9
96 <211> LENGTH: 15
97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 9
101 ccgcgtctcc ttgga
104 <210> SEQ ID NO: 10
105 <211> LENGTH: 16
106 <212> TYPE: DNA
107 <213> ORGANISM: Homo sapiens
109 <400> SEQUENCE: 10
110 ccacctactg tgaccc
113 <210> SEQ ID NO: 11
114 <211> LENGTH: 70
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 11
119 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tcggtcaaaa
121 acgagatcaa
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 71
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 12
130 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcggtcaaa
132 aacgagatca g
135 <210> SEQ ID NO: 13
136 <211> LENGTH: 37
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 13

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006

TIME: 13:04:58

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw

141 taccagctta acacatagca tcaactggata gcgacgt 37

144 <210> SEQ ID NO: 14

145 <211> LENGTH: 73

146 <212> TYPE: DNA

147 <213> ORGANISM: Homo sapiens

149 <400> SEQUENCE: 14

150 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tccaataact 60

152 aaaggtacaa cat 73

155 <210> SEQ ID NO: 15

156 <211> LENGTH: 73

157 <212> TYPE: DNA

158 <213> ORGANISM: Homo sapiens

160 <400> SEQUENCE: 15

161 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcaataact 60

163 aaaggtacaa cac 73

166 <210> SEQ ID NO: 16

167 <211> LENGTH: 37

168 <212> TYPE: DNA

169 <213> ORGANISM: Homo sapiens

171 <400> SEQUENCE: 16 37

172 ggcataataa tctccaaaga tcaactggata gcgacgt

175 <210> SEQ ID NO: 17

176 <211> LENGTH: 68

177 <212> TYPE: DNA

178 <213> ORGANISM: Homo sapiens

180 <400> SEQUENCE: 17

181 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tccagtgggt 60

183 ttccaacg 68

186 <210> SEQ ID NO: 18

187 <211> LENGTH: 70

188 <212> TYPE: DNA

189 <213> ORGANISM: Homo sapiens

191 <400> SEQUENCE: 18

192 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcacagtgg 60

194 ttttccaaca 70

197 <210> SEQ ID NO: 19

198 <211> LENGTH: 32

199 <212> TYPE: DNA

200 <213> ORGANISM: Homo sapiens

202 <400> SEQUENCE: 19 32

203 tgaacacacc gggatatcact ggatagcgac gt

206 <210> SEQ ID NO: 20

207 <211> LENGTH: 18

208 <212> TYPE: DNA

209 <213> ORGANISM: Homo sapiens

211 <400> SEQUENCE: 20 18

212 ttgcctgctc gacttaga

215 <210> SEQ ID NO: 21

216 <211> LENGTH: 18

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006

TIME: 13:04:59

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw

217 <212> TYPE: DNA  
218 <213> ORGANISM: Homo sapiens  
220 <400> SEQUENCE: 21 18  
221 acgtcgctat ccagtgat  
224 <210> SEQ ID NO: 22  
225 <211> LENGTH: 15  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Homo sapiens  
229 <400> SEQUENCE: 22 15  
230 ccgcgtctcc ttgga  
233 <210> SEQ ID NO: 23  
234 <211> LENGTH: 16  
235 <212> TYPE: DNA  
236 <213> ORGANISM: Homo sapiens  
238 <400> SEQUENCE: 23 16  
239 ccacctactg tgaccc  
242 <210> SEQ ID NO: 24  
243 <211> LENGTH: 15  
244 <212> TYPE: DNA  
245 <213> ORGANISM: Artificial  
247 <220> FEATURE:  
248 <223> OTHER INFORMATION: Synthetic DNA  
250 <400> SEQUENCE: 24 15  
251 catgccaatg acgga  
254 <210> SEQ ID NO: 25  
255 <211> LENGTH: 15  
256 <212> TYPE: DNA  
257 <213> ORGANISM: Artificial  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: Synthetic DNA  
262 <400> SEQUENCE: 25 15  
263 catgcgaatg acggc

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:05:00

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:24,25

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006

TIME: 13:05:00

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw